

Ashutosh Apurva

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🐙 github.com/Apurva14A

Summary

DevOps Engineer | 3+ years | Expert in Terraform, Ansible, Kubernetes orchestration, CI/CD pipelines (GitHub Actions, Jenkins), cloud infrastructure (AWS, EC2), and monitoring (Prometheus, Grafana), Strong in Linux, Bash, Git, and code quality tools (SonarQube, Jfrog).

Education

Bachelor of Science in Computer Science
• CGPA: 8.2/10.0

July 2017 – Aug 2020

Experience

Tata Consultancy Services, Project client- Telia Comapany AB, DevOps Engineer

Kolkata metropolitan area,
West Bengal, India
Aug 2022 – present
2 years 1 month

- Supercharged software delivery by 35% through robust and secure CI/CD pipelines built with GitHub Actions, ensuring seamless deployments to Kubernetes environments.
- Accelerate delivery of secure, high-quality software by 25% through rigorous code analysis and vulnerability detection with SonarQube.
- Accelerated microservice deployment velocity by 40% through optimized Helm chart-based releases, driving enhanced operational efficiency and faster time-to-market on Kubernetes.
- Boosted time-to-insights by 30% through automated deployments of Prometheus, Grafana, and Datadog using Helm, enabling comprehensive monitoring and proactive decision-making.
- Revolutionized log analysis and visualization with LogQL in Grafana, unlocking deeper insights and accelerating troubleshooting.
- Optimized traffic management and routing efficiency by 25% through implementation of Ingress with path-based routing, enabling dynamic service exposure and improved user experience.

Tata Consultancy Services, Project client - McGraw Hill, Site Reliability Engineer

Kolkata metropolitan area,
West Bengal, India
Mar 2021 – June 2022
1 year 3 months

- Led the migration of legacy applications to AWS, leveraging EC2, S3, RDS, CloudWatch, Route 53, and AWS ACM, resulting in a 30% reduction in operational costs and improved scalability.
- Successfully migrated millions of customer records from a legacy database to Amazon RDS with PostgreSQL, boosting query performance by 50% and reducing database management costs by 30%.
- Optimized CI/CD during application migration with Jenkins, cutting deployment times by 40% through enhanced automation of build, test, and release processes.
- Enhanced application reliability and availability with AWS Auto Scaling, achieving 99.9% uptime and reducing operational costs by 25% through dynamic resource scaling.
- Implemented New Relic for application monitoring and log shipping, reducing maintenance costs by 20% and boosting performance insights, which led to a 30% improvement in application response times.

Projects


Personal Portfolio

- Developed a portfolio website to store and record my resume, projects and blogs to showcase it to employers.
- Tools Used: Python, Django, HTML,CSS,Docker,GitHub Pages,GitHub Actions

github.com/Apurva14A/myPortfolio


Password Generator app

- Developed a python web application for generating random password to be used for authentication process.
- Tools Used: Python, Django, HTML, CSS, GitHub Action

github.com/Apurva14A/password_generator_app


Technologies

Languages: Python, Java

Technologies: Terraform, Ansible, Docker, Kubernetes, Helm, GitHub Actions, Jenkins, Prometheus, Grafana, Loki, AWS,EC2,S3,RDS, Linux, Bash, Git,SonarQube, Jfrog Artifactory